HOW THE TRADES AID THE SCULPTOR BY THEIR SKILL.

The Mud Model Prepared for the Plaster-The Cast Made for a Mould Into Which the Final Pouring of Moulten Bronze Is Made.

Elacksmiths, carpenters, plaster workers, brobze molders and marific cutters toll with the sculptor in the making of a statue. The creative genius of the artist calls upon the skill of the craftsman for aid, first to help him make a beginning and finally to preserve his work in lasting marble and time-defying bronze. The statue is the creature of the sculptor's brain, but without the humbler mechanics, the anvil, the saw and the chisel, the sculptor's dream would find form only in the miniature statuette or "sketch" perched on the tripod of his studio. The popular idea of a sculptor pictures a man with soulful eyes, long hair and a high brow posing picturesquely before an unhewn block of marble, with a hammer in one hand and a chisel in the other, carving out a beautiful figure. As a matter of fact, few sculptors know anything of the marble workers' trade and none could go upon the floor of a bronze foundry and pound sand around the plaster cast.

When the sculptor begins to work out when the sculptor begins to work out an idea, says the Chicago Record, he first models in clay a small figure em-bodying his conception. This "sketch" is frequently a hurried, unfinished, rough miniature of the statue which the sculp-tor is carrying in his mind. It is simply the working of an idea and serves to show the borson who has given the the working of an idea and serves to show the person who has given the sculptor the commission what the finished statue will look like. If the sketch is pleasing to the principal the sculptor calls in his friends, the carpenter and the blacksmith.

The carpenter builds for him a revolving platform which will turn carly on

The carpenter builds for him a revolving platform which will turn easily on the iron castors that run on the circular strip of iron. This platform must be strong and steady, for if the statue is to be a heroic figure eight or ten feet high the moist clay it will carry will weigh a ton or more. It must turn easily and evenly on its rollers, for the sculptor will frequently have occasion to stand off and view his work while his assistant revolves the platform, thus bringing all sides of the figure to view. The blacksmith in the meantime has been making the "frame"—the iron skeleton—for the statue. Sometimes he forges large-sized bars for the main standard of the framework. The principal member of the frame around which is built up the clay model of the figure of the "Republic" for the Iowa solders' and sailors' monument in Carl which is built up the clay model of the figure of the "Republic" for the Iowa soldiers' and sailors' monument in Carl Rohl-Smith's Hyde Park studio is a bar of iron four inches square, and the other bars of iron are large in proportion. For the figure of the infantry soldier for this monument, which has just been modeled by Rohl-Smith, the standard was of iron an inch and a half square. This main support was bolted firmly to the turntable of the platform and then braced to insure greater stiffness. The figure is eight feet high, and the pose was such that a very stiff, strong frame was required. In a general way the framework is much like a skeleton, with iron for bones and small wooden blocks for vertebrae. Apparently it had three legs, but the heavy vertical bar in the center was the main standard, upon which the entire framework depended for stiffness. The bones of the arms, the collar-bone and beckbone all had their iron substitutes in the framework, and then the blacksmith's work was done.

But the greasy-feeling clay which Rohl-Smith uses for modeling would not stick to smooth iron, so he wired small woden sticks upon the irons, and sus-pended the sticks from the crossbars of the iron skeleton, thus affording a hun-dred and more different supports for the clay. When the sticks were all in

iron every inch or so.
With his turn-table and iron frame with his turn-table and fron frame ready for the clay the sculptor began his part of the work by filling out the figure in modeling clay. The finished statue wears the uniform worn by the Federal soldier during the rebellion, but before the sculptor dresses his statue he before the sculptor dresses his statue ne makes the man without clothing. When the nude figure is completed in the clay the sculptor models the clothing, accou-trements and cap. When the eight-foot model is finished, his task, so far as studio work is concerned, is completed, and he calls in the plaster molder, for the clay figure must be reproduced in plaster of paris for the bronze foundry.

With the plaster worker came several barrels of plaster of paris, two or three bright tin basins, a number of sheets of tin, some red color such as calciminers use, and an assistant. The sculptor and plaster worker first held a long consulplaster worker first heid a long consul-tation, for this step in the making of the statue is a most important one. Sometimes a careless workman not only makes a poor mold, but spoils the clay model so that the sculptor must do his work all over again. The plaster worker, makes a poor mod, but spons the clay model so that the sculptor must do his work all over again. The plaster worker, in order to make a plaster of paris copy of the clay figure, must first make a plaster mold in which to cast the plaster figure. The very fact that the clay statue is a figure with all sorts of projections, "under cuts" and deep indentations makes it impossible to obtain a mold from which to take the cast by simply pouring plaster of paris over the clay. The mold must be made in sections, and these sections must be so made that they can be taken off the original model, and then replaced in the proper position, bound together and used as a mold. To this end the plaster worker, with the advice of the sculptor, divided the clay model into sections. He marked the boundaries of the different sections with pieces of tin, which he stuck into the clay, so that the figure seemed to have a number of the finarunning around its arms and over its head. Each leg was thus divided lengthwise into two sections, front and back, the trunk of the body was divided in the center about where the stomach would be if the figure were alive, and the arms were not only divided into two longitudinal sections, but were divided from the shoulders.

While the plaster worker was mapping out the clay model with his bits of sheet-tin his helper was putting a bead or edge of clay on the tin fins, for in making the mold the plaster is sometimes built up beyond the sedges of the tins, but the clay beading enables the workmen to easily locate the line of division and thus take out the individual pieces of the mold.

The plaster of paris, made quite thin

rision and thus take out the individual pieces of the mold.

The plaster of paris, made quite thin with water, is not poured in bulk upon the clay model, but is flipped over the surface of the clay with the fingers. The first coating is colored with the red paint. This is done to serve as a guide to the plaster molder when he breaks off the sections. He will know when he is reaching the inner su ace of his mold by the pink color of the plaster.

The plaster molde, with his pink plaster of paris in a small tin wash-basin, clambered on a 'ank, and dipping his fingers in the liquid plaster dashed it upon the clay model. He first flipped the plaster into the under cuts of the section he began on, and so dashed the plaster up into the cavities. He worked rapidly, for the plaster "sets" quickly. His assistant scarcely had time to mix a fresh basin of plaster before the molder was down from the plank for a new supply. When he had held on a layer of pink plaster sufficiently thick he roughened the plaster surface with his fingers and began on another section. The next layer of plaster surface with his fingers and began on another section. The next layer of plaster put on was white, and this was built out two to three inches thick. In those places where it was specially desirable to have strong sections, pieces of guspipe bent to fit were imbedded in the plaster.

When the wold was completed the

graceful figure modeled by the sculptor was entirely lost in the clumsy, grotesque shape made by the enveloping plaster of paris. But the plaster moder proceeded to take his mold to pieces, separating it along the lines made by the tin, the different sections coming apart easily.

Sometimes in taking a section from he model pieces of the clay will come way with the plaster mold, but if the mold is a good one the sculptor does not care. The clay model has served its mold is a good one the sculptor does not care. The clay model has served its purpose and can now be dispensed with. When the pieces of the mold had all been taken from the clay model they were cleaned out and put together again, the sections forming one leg were tied together, the sections for the body were assembled, and so on until all the different sections were on the floor. The hollow space in each section of the mold was filled solid with liquid plaster of paris and left in the mold until dry and hard. Then they were taken out, touchhard. Then they were taken out, touch-ed up with a tool where necessary and put together so that the sculptor could satisfy himself that the cast was per-fect. The sections then were taken apart again and shipped to the bronze foundry, where they are to be cast in bronze.

PNEUMONIA PROPERLY DEFINED. Begins Suddenly With a Chill and Is De-

pendent on a Germ. Pheumonia proper, namely, croupous pneumonia, is an acute, infectious disease, dependent on a specific germ. For long it was called by the laity "lung fever" and it was called by the latty "ling fever" and it is a very appropriate term. It is one of the most prevalent and severe of the acute diseases. Insemuch as the disease is usually ushered in by a chill, preceded by exposure of one kind or another, it was ually ushered in by a chill, preceded by exposure of one kind or another, it was formerly supposed that it was dependent upon cold or congestion of the lung, but the investigations of pathologists, extending over a series of years, have demonstrated definitely both from the standpoint of clinical fact and observations and from the study of the material thrown off from the study of the material thrown off from the lung, as the product of inflammation, that the cause of pneumonia proper is really an infectious agent which enters into the lung and there creates an inflammatory process in the same manner as the Kiebs bacillus, which causes diphtheria, attacks the mucous surfaces of the throat or other parts which it invales.

To Friedlander is given the honor of having his name associated with the specific germ which causes croupous pneumonia, the form now under consideration: this germ is called the pneumococcus. The various other alleged causes of pneumonia must, of course, only be considered as predisposing or exciting causes; in other words, the individual who takes cold has his power of resistance against the pneumococcus lessened, and more readily falls a victim, the same as the child who is permitted from carelessness and exposure to develop the condition called cold is a standing invitation to scarlet fever measles, diphtheria and other infectious discases.

Certain individuals seem to have a pre-

fails a victim, the same as the child who is permitted from carelessness and exposure to develop the condition called cold is a standing invitation to scarlet fever measures, diphtheria and other infectious discases.

Certain individuals seem to have a predisposition to pneumonia, the same as certain others possess a tendency for the development of erysipelas and acute rheumatism. Indeed, one attack of pneumonia in certain individuals seems to invite repeated attacks. There can be no doubt that among the predisposing causes had sanitation has a prominent place. Bad drainage, sewer gas, damp cellars and an environment which is charged with the products of decomposition are all conductive to the development of pneumonia, as other infectious diseases.

The disease usually begins quite suddenly with a pronounced chill, lasting from a half hour to an hour, the attack coming at a time when the patient may be appared in the best of health. The chily period is the best of health. The chily period is the product of the hour to an hour, the attack coming at a time when the patient may be appared in the best of health. The chily period is the product whom the amount of the hing tissue involved.

Short, labored breathing is a prominent symptom, and the experienced eye would almost suspect pneumonia from the character of the breathing and the hectic flush which is apt to be present upon the cheeks. Of course the appetite is completely lost, and vomitins is sometimes present in the beginning. The temperature usually ranges high from 194 to 1953, and the pulse is greatly increased in frequency, in harmony with the elevation of temperature. Cough is an early symptom, and is usually painful. Expectoration of temperature with the cheeks. Of course the appetite preumonic spitum, or soit, appears, it being sticky and tenactors, the characteristic pneumonic spitum, or soit, appears, it being sticky and itenaction, the cheek sooner, when expectoration is more free, the child and the product of the attack, the fall in temperature and

Sniffles Hands the Parson a Cigar and Then There Was Trouble.

Sniffles Hands the Parson a Cigar and Then There Was Trouble.

From the New York Herald.

The clerks in the office were always on the alert to play some joke on Sniffles, the junior bookkeeper, and the strangest part of it was that they always managed to catch him unawares.

The other day the clerks loaded a tempting looking cigar with an apparently harmless explosive. It was graciously offered to Sniffles, who accepted it with profuse thanks, saying he would smoke it after dinner that evening.

It so happened that that very evening Sniffles wife, who was a very religious woman, had invited the minister to dinner. The minister loved good cigars, and sniffles, knowing this, proudly asked him to have a cigar, and unselfishiy and innocently handed him the one which he had, received that afternoon from the clerks in the office.

Sniffles' wife was pleased at her husband's generosity to the minister and looked on with pleasure as the minister contentedly lighted the cigar.

Suddenly there was a report, the minister fairty howled with terror and the air was filled with smoke. Sniffles and his wife were surprised and shocked beyond expression.

"Heavens" muttered Sniffles, "that's the work of those d—n clerks ared with rage. Half of his beautiful side whiskers had been singed and he looked a sight. He gave one terrible glance at Sniffles, then took his hat and departed.

"Never shall I enter this house again," he said with great emotion as he shut the door.

That night there was war in Sniffles' house. His wife accused him of having

door.
That night there was war in Sniffles' house. His wife accused him of having loaded the clear on purpose in order to drive the minister away. All his explanations were in vain, and now Sniffles and his wife have ceased to speak.

The clerks are still wondering whether Sniffles anoked that cigar, but he is so silent about the matter that they can't get anything out of him.

If There Was No "If."

New York Recorder: If Texas were a circular lake and France a circular island in it, it would be out of sight of the shore all the way round.

If the Dead sea alone loses 1,000,000 tons of water per day by evaporation in mid-summer, the entire ocean in one year would—oh, any one can figure that out. If in a battle 700 builets are fired for every man wounded, and 4,000 for every man killed, how many builets did it take to chase the Chinese out of Corea?

If a toad can live in a block of petrified wood a few centuries without food, how long could be survive a course of afternoon teas?

If Prince Bismarck's 482 crosses will cover a space 21 feet long and "several" inches wide, how much fatter would be need to be to wear 'em all at once?

If European troops on ordinary roads march 2,000 to the mile, how long will it take quite a number of wide-skeved yours to set eut of a cable cart.

ARGENTINE NEWS STRENGTHENED THE CEREAL, WHICH GAINED 16.

Other Speculative Products Advanced to Sympathy With the Advance in Wheat and Closed Firm and Higher.

Chicago, Jan. 5.—The wheat market showed more bullish vim during to-day's short session than it has for a month buck, and at the close had gained a clear i cent per bushel over yesterday's close. Wheat set the pace for the other markets. wheat set the pace for the war has so with the result that sorn is so higher for the day and oats the higher, with the speculative articles in hog products also up a trifle. New York's luving of wheat through numerous commission houses and

up a trifle. New York's buying of wheat through numerous commission houses and August Gross' heavy purchases gave the market its first upward start.

The wheat market perceptibly needed something to keep it up at the opening to-day. The scalpers seemingly had the entire of the complete market received, at a critical moment, all market received, at a critical moment, at the support it required and soon the Scalipers were as unatimously trying to buy as they had previously been desirous of selling. Receipts were lighter than ever and foreign stocks small and their market stendy. Chicago received forty-one carloads. Minneapolis reported receipts of 122 cars and Tuburk sixty-two cars, or 181 to steady. Chicago received forty-one carloads. Minneapolis reported receipts of 12
cars and Duluth sixty-two cars, or 18t for
gether, compared with 22 cars on the corresponding day a year ago. The United
Kingdom stocks of wheat and flour were
given by Beerbohn this morning at 12,000,
600 bushels, as compared with 25,000,000
bushels has compared with 25,000,000
bushels, as compared with 25,000,000
bushels he corresponding day of the year
before. One from of the news was to the
effect that the Argontine wheat crop is
anywhere from 20 to 25 per cent smaller
this year than lant, and of inferior quality.
Several cables gave further confirmation
to the above effect and heavy buying orders based, it is said, upon the Argentine
crop fallure were received from New York.
The marklet from being rather weak became very strong. May, which opened at
from 51,265774c, was cavorting around 5256,
near the close. A great deal of business
was done and May closed at 5256.

Cora opened very weak, but screwed up
its courage when the advance in wheat was
underway. The opening price for May was
478c, and from that down to 474c, as compared with 474c at the close yesterday. It
rose in sympathy with wheat to 48c and
closed at 475c.

Oats were active throughout the session
and quite a heavy business was transacted. Early in the day Counselman and
Barlett-Frazier offered stuff freely and
broke the market from 205c to 2015c. Then
the disposition to buy began to improve,
Wheat and corn commenced to advance
and the shorts became alarmed and bid
freely. The price started to go up and
continued to do so until 315c was reached,
at which price the market closed.

OIL FIELDS OF THE CASPIAN.

Eighteen Hundred Acres From Which 140, 000,000 Barrels Have Been Shipped.

Eighteen Hundred Acres From Which 140, 000,000 Barrels Have Been Shipped.

In view of the recent efforts at alliance between the petroleum producers of the United States and Russia a note on the oil-bearing region of the Caucasus may be of interest, says the Cosmopolitan. It appears that the foothills of the Caucasus particularly those on the northerly side, show abundant evidence of the presence of oil all the way from the Sea of Azof to the Caspian. The oil belt seems even to continue eastward to the Caspian; but, substantially, all of the yield comes from the Peninsula of Apsheron, on the western side of the Caspian, not far from the town of Baku. The entire area which has produced oil for shipment is estimated at less than 1500 acres, and yet the shipments of oil from Baku in the last four-teen years are equivalent to over 140,000,000 American barrels. The Apsheron peninsula is low, but uneven, and is occupied by tertiary and post-tertiary rocks. The oil occurs in the more porous tertiary strata and naturally efflux takes place along the lines of rupture in the folded beds, which do not seem to be considerably altered. Aa in this country, a part of the oil is obtained from flowing wells, and in 1823 these yielded one-third of the product. The Baku oil is very different, chemically, from that of Pennsylvania.

Our oil consists mainly of hydrocarbons, analogous to paraffin, and known as the "paraffin series." The Caspian oil contains less hydrogen, and is composed almost exclusively of the "olefine series," which however, is also represented to a small extent in the American oil.

The origin of petroleum is still a mystery. It seems really incredible that animal or vegetable oil should so accumulate as to furnish the output of Baku. A hundred thousand right whales would be required to supply as much oil as Baku exports yearly. It is also very significant that the deposits follow a line of profound terrestial disturbances, that of the Caucasius. It was to account for these oil fields that Mendeleeff put forwar

taining carbon. The action of acids on such iron produces hydrocarbons which are sometimes identical with those of Baku oil. If one accepts the supposition of the existence of Iron in great quanti-ties within the earth, this theory leads to fewer difficulties than that of organic origin: and since such iron has been brought to the surface of the earth at a number of points by cruption, the plaus-ibility of the hypothesis is great.

Slates Are Banished.

Slates Are Banished.

Boston Herald: The reasons assigned by the school committee for the discontinuance of slates, siate pencils and sponges in the public schools and the substitution of paper, lead pencils and rubber erasers in their places are as follows:

First—A light gray mark upon a slightly darker gray surface is more indistinct and trying to the eyesight.

Second—The resistance of the hard pencil upon the hard slate is trying to the muscles, and the resistance to which the muscles are thus trained must be overcome when beginning to write with pencil or pen upon paper. upon paper.
Third—The use of slates, slate pencils and sponges is a very uncleanly custom and leads to and establishes very uncleanly

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Main. Telephone 1637.

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WANTED-Salesmen; salary or commis-sion, to introduce our goods to the trade permanent position; staple line; pleasant work. Address with stamp, King Mrg. Co., A 61, Chicago.

WANTED-Men in every county to act as

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WANTED—Salesmen, & a day. No deliveries or collections. Costly outfit free, Side line or exclusive. Address Manufacturers, 284 Market St., Philadelphia, Pa.

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WANTED-Man to travel; position permanent; salary and commission; fast selling specialities, apply now. Luke Brothers Co., Nurserymen, Chicago.

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WANTED-Immediately; three news agents on railroad. Call on Southern Rail-way News Company, 1818 Union ave.

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WANTED-Any lady can make \$18 week WANTED—Any lady can make six weathy working for us quietly at home; position permanent, and if you can only spare two hours per day, don't fail to investigate; reply with stamped envelope. Woman's Mutual Benefit Co., box 2, Jollet, III

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WANTED-Why do people complain of hard times, when any woman or man can make from \$5 to \$10 a day easily? All have heard of the wonderful success of the Climax Dish Washer; yet many are apt to think they can't make money selling it; but any one can make money selling it; but any one can make money, because every family wants one. One agent has made \$45.30 in the last three months, after paying all expenses and attending to regular business bestles. You don't have to canyass; as soon as people knew you have it for sale they send for a Dish Washer. Address the Climax Mg. Co., 45 Starr ave., Columbus, Ohio, for particulars.

Columbus, Ohlo, for particulars.

WANTED—I have \$5.50 agents selling the best thing in, on er out of the earth; an absolute necessity the people must have regardless of the price of wheat or silver; no humbug; requires no lying, deception or canvassing, its demand increases; any elderly person, man or woman, can make big money; agents are making \$250 to \$1.200 per month; full particulars sent free to all applicants; a permanent, pleasant business for honest people only; no clap-trap-catch-penny-fraud-swindle, but an article of superlative merit, not made by man, but by his Creator, Theo, Noel, Geologist, Chicago.

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WANTED-Agents to handle Aluminum
Yoveltles; sell at sight; 125 per week casily
nade. Send 10 cents for samples. Cir-

wanten Send 10 cents for samples. Circulars free.
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S. Bidge bldg.

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333 Ridge bldg.

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RESIDENCES. Has the following houses to renti RESIDENCES.

1022 Virginia, frame, 5 rooms, \$15, 1013 Oak, frame, 3 rooms, \$25, 1016 Oak, frame, 3 rooms, \$25, 1016 C. 17th, brick, 8 rooms, bath, \$26, 1028 Chestaut, frame, 7 rooms, \$15, 1020 E. 7th, brick, 8 rooms, bath, \$20, 1201 Mudison, frame, 5 rooms, \$10, 1202 Compbell, frame, 5 rooms, \$2, 1203 Origins, frame, 5 rooms, \$3, 1204 Jatrison, frame, 5 rooms, \$4, 121 Wahash, 7 rooms, \$2, 1221 Harrison, frame, 5 rooms, \$10, 1231 Harrison, frame, 7 rooms, \$10, 1241 Wahash, 7 rooms, \$10, 1251 Harrison, frame, 7 ro

103 Grove st., frame, 6 rooms, \$10, 539 Tracy ave., frame, 7 rooms and bath, \$10,00.

Otts and Hochester, frame, 2 rooms, \$5, 1416 Parific st., 2 rooms, \$5, 193 that st., 1 rooms, \$6, 193 that st., 1 rooms, \$7, 1414 Parific st., frame, 2 rooms, \$2, 193 that st., 1 rooms, \$7, 1414 Parific st., frame, 2 rooms, \$2, 193 that st., 1 rooms, \$7, 193 that st., 1 rooms, 2 rooms, \$10, 193 that st., 1 rooms, 2 rooms, \$10, 193 that st., 1 rooms, \$2, 193 that st., 1 rooms, \$3, 193 that st., 1 rooms, \$2, 193 that st., 1 rooms, \$3, 193 that st., 1 rooms, \$1, 193 that st., 1 rooms, \$1, 193 that st., 2 rooms, 193 that st.,

TO RENT-Residences, cheap. S room frame, modern, by Lydia ave., 25, 6 room frame, modern, 2th and Tracy, 527,50,

6 room frame, modern, 24th and Tracy, 222-50.
5 room cottage, bath, Fast side, \$30.
8 room cottage, bath, Fast side, \$30.
8 room cottage, bath, West side, \$30.
7 room brick and barn, 244 Olive st. \$16.
6 room frame, 189 Locust st. only \$15.
8 room brick, 235 Olive st. bargan, \$15.
8 room frame, 235 Olive st. bargan, \$15.
8 room frame, 235 Elefontaine st. \$13.
8 room frame, 235 Elfontaine st. \$10.
6 room frame, 256 Thompson ave, \$10.
6 room frame, 256 E. 21th st. only \$10.
8 room frame, 235 Lydia ave, \$10.
8 room frame, 235 Lydia ave, \$10.
8 room frame, 255 E. 24th st. bargain, \$5.
4 room cottage, 758 Tracy, reduced to \$7.
8 STOINES TO RENT.
2 stery brick, 362 Main st. \$20.
8 NO RENT By Sills, Northup & Co.

TO RENT-The best, strictly modern 9room brick house in city; bath, gas, city
water, barn; south front; furnace, laundry;
70 feet grounds; location 224 Peery ave;
also two strictly modern 8-room frame
houses in same location; inquire of owners.

MERRILL & MERRILL.

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TO RENT-1222 E. Sth. 67. mod., \$20.
1202 Olive, 8 r. mod. brick, \$20.
310 Thompson, 7 r. new, \$9.
103 Virginia, 4 r. mod. flat, \$11.
S. w. 12th and Olive, 4 r. mod. flat, \$12.
COWHERD BROS.

COWHERD BROS.

TO RENT-1831 Penn, all modern, detached, \$35; 1269 Penn, 6-room cottage, detached, \$31; two good houses, West side, cheap; get price; 1713 Prospect, 6-room and stable, 313, S. L. Milice, \$99 Main, Tel. 1637. TO RENT-Modern 10-room brick dwelling, in first-class repair; newly papered and painted; fine cistern; corner house, sol Penn st.; only \$25 to carreful tenant. S. L. Milice, \$60 Main. Telephone 1637.

TO RENT-A nice three room dwelling, only four blocks from Minnesota and within one block of two street car lines. Call at the Journal branch office, in the Chamber of Commerce bldg. TO RENT-New S-room modern dwelling 56-foot lot, No. 19 Wabash ave.; \$25 per mo. THLHOFF & CAMPBELL. Nelson bld'g, 'Phone 1463.

TO RENT-The very pretty 6 room care.

TO RENT-The very pretty 6 room care month. Apply to L. Moise, at the Journal office. Telephone No. 259. TO RENT-Nice 9-room brick on Garfield

m: water closet and city water in house Il Temple block. TO RENT-Desirable cottage, 1513 Wal-cond ave, with barn, good well and elstern, class 3 cables; \$15. inquire 1511.

TO HENT-59 houses, all sizes, J. L. WILLIAMS, 518 Minnesota ave, Kansas City, Kas. TO RENT-2200 Campbell st., a residence of 6 large unturnished rooms, \$12. TO RENT-At 511 West 16th st., a nice 6-

TO RENT-412 Aldine place, nicely fur-nished room, south front, with all modern conveniences; also first-class table board. TO RENT-Furnished rooms, also rooms fight housekeeping on bath floor respectable parties. 622 East 12th st.

TO RENT-One elegant office room and one suite in the Journal bldg. Rent rea-sonable. Apply to the Journal Co. TO RENT-103 Harrison, nice from room with board; all modern; terms rea-sonable; reference. TO RENT-46i West 13th st., 1 or 2 large front rooms and kitchen, complete for housekeeping.

TO REN'I-Furnished rooms with board steam heat, all modern conveniences. 721 Highland ave.

TO RENT-808 Trace, nicely furnished double parlors, or single room; very desirable TO RENT-2208 Campbell st., 3 large un-furnished rooms, parlor floor.

TO RENT-MISCELLANEOUS. TO RENT-Elegant offices in the Journal bidg, at reasonable rates, Apply to the Journal Co.

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LOST—A dark bay horse, 13 years old, a little below medium size; hair on sides of hips worn by breeching; had on boy's sai-dle and light leather bridle. Sultable re-ward for return to 2011 Prospect. F. P. Barnett.

LOST-On Saturday, lady's hunting case gold watch without chain or crystal. Pinder please call 2800 Lydia and get reward.

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TWO BARGAINS IN ACRES

200 front feet, handbome, trees on it, fine neighborhood close to animity line, \$1,400. This is just what you want.

3 acres tight on a boulevard, on a car line our south, for only 1900 dash. There is money in this, but it must go very soon.

TWO HOUSES WORTH BUYING.
A pretty brain new vottage, out some, but close to cable, with mantel, also cellar, etc. \$1,200.

Strictly modern, pressed brick 9 from house, water gas, buth, furnare, buildard hall, burn, stone walks, asphalt street, cable, new \$5,000.

Hear this: A corner, 40 feet, on Walford. Hear thus: A corner, 40 feet, on Wal-rend, it a first-class neighborhood, water, gas, sever, asphalt street, only 340 a foot, but it must be spot cash.

between 10th and Rig on it, \$50,000. It

gas, sewer, sephals street, only \$10 a foot, but it must be spot rash.

Listen again: A lot, breet, always held at \$10 a foot, we will sell for just \$16 a foot, cash. Never mind particulars. It is in a first-class neighborhood, close to cars.

Come in the first of the second of the

COWHERD BROTHERS, REAL ESTATE, LOANS & RENTALS. 418, 419 American Bank Bldg.

HESIJENCE LOTS.

Holmes st., high, east front, near 29th, \$20.
Cherry, asphalt, a corner, hear 29th, \$25.
Oak st., near Springhold, 40 ft, for \$750.
Linwood and Harrison, large corner, less
than \$20.
Linwood and Frould, place corner, less han \$30. Linwood and Euclid, nice corner, \$22.50. Prospect and Peery, fine s. w. cor. very cheap.

1th, south front, bet. Olive and Prospect.

150.

Brooklyn, east front, 10th and 11th, \$12.50.
Park, bet. 9th and 12th, highest point, \$10.
7th, east of Prospect, cheapest 25 and 50
ft, there.

A little lot, 11th, near Highland, \$500.
Lots resilience and business, in all parts A little lot, 11th, near Himman,
A little lot, 11th, near Himman,
Lots, resilience and business, in all parts
of city. For residences, see Times to-day,
LOCAL MONEY TO LOAN,
6 and 7 per cent, approved and closed at
once, No red tape, no delay.

250 and 35c

CALL in and examine our 25c and 35c neatly bound music books. KANSAS CITY PIANO CO.

SUPERFLUOUS hair, moles and waris permanently removed by electricity without pain or scar. This is the oldest established place of the West and the only one that can give Kansas Citys leading physicians as reference. A guarantee from inexperienced operator or a refund of money is of no avail if scarred for life. I make a specialty of this only. Consultation free and confidential. Mrs. Addic Randall, specialist, room 426, Deardorff building, 1103 Main st. PERSONAL.

WRINKLES, pimples, blackheads, tan, superfluous hair, waris, moles permanently removed by electricity. Electric massage removes crow feet and enlarges the bust. Royal Complexion and Electrolysis Parlors, 45 and 48 Deardorff, 11th and Main sts. Massage free Thursday.

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FOR SALE—Business: reliable party
with \$1,99 cash for business that will pay
\$2,50 net per year. Apply to C. F. Smith,
St. James hote!

FOR SALE-One-half interest in best paying real estate business in the city, J. L. WILLIAMS, 518 Minnesota ave., Kan-sas City, Kas. NEW 50c harmonicus at 15c in our Jan-uary sale; \$1 music rolls at 56c. KANSAS CITY PIANO CO.

WANTED-Partner with about \$300 or \$400 capital in light manufacturing busi-ness. Address Z 862, Journal office.

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MONEY TO LOAN-City improved loans made; 5 to 6 per cent interest, according to size. Farm loans at higher rates, an-nual interest, within 190 miles, promptly closed. James L. Lombard, Helst bldg. 5 AND 5 PER CENT money on business, residence and farm property; unusually fa-vorable terms. Apply to Homer Reed or Theo.Nash.1005 Broadway, op.Coates house. LOANS made on good improved city property, business or residence, at reasonable rates, Money on hand.

E. E. Holmes & Co., 507 New England bidg.

TO LOAN-Local 6 per cent money on hand. Tite SEXTON SECURITY CO., 718 Delaware et.

1509 TO 10,000, local, 6, 7 and 8 per cent money to loan on real estate security.

GEO. W. BUSH, 220 Am. Bank bidg.

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ICE SKATES for ladies and gentlemen, best steel rubners, from 50c up, at M. E. SMITH & SON'S, 1922 Walnut.

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MRS. L. JAMES, the well know clair-voyant and trance medium, may be con-sulted at 1999 Grand ave; parlors 39 and 40. MRS. FULLER-Reliable trance medium;

FOR SALE-REAL ESTATE.

FOR SALE-REAL ESTATE.

FOR SALE-By S. C. Fancher & Co.:
A good business properly in West Kansas, leased for 2 years so as to pay II
per cont. \$5,00 will handle this.

INCLUD. The city for \$4,00.

2037/2 ft. husiness cor. renting for \$5
per mo. \$5,00.

100x100 ave. \$20 per foot.
The prettlest lot in the market, on Walround ave. east front, \$0x150, price, \$1,500.

20 ft. half block from the above, a beguttful lot, good surroundings, lies well, \$750.

20 ft. on St. John, asphalt paving and
sewer, \$1,250. Food ave, east front, 80x100, price, a beauti50 ft, hair block from the above, a beautiful lot, good surroundings, lies well, \$750.

50 ft, orn St, John, asphalt paving and
sever \$1,250.

25 ft, on Charlotte, near \$th, 2 small
houses for \$700; will pay 10 per cent.
Good business corner, 5-7 of the frontage
vacant; pays 7 per cent; price, \$15,000.

5 room frame, 114 blks from the Auditorium, 50x100 ft., \$5,500.

9 room bricks, near Wabash, 2 blks north
of Independence ave; vacant lot and \$200
cash for equility.
6 room frame, lot 25x130 ft., on Woodland
ave; house cost \$1,000; \$500, \$100 cash, will
buy it. c room frame, lot zaxim it., 100 cash, will ave; house cost \$1,000; \$800, \$100 cash, will buy it.

5 room brick residence, modern, good location, on st. car line, good stable; enc. \$4,000; \$5,000 will buy it.

80 acre farm all under cultivation, 3 room house, good barn and abundance of fruit of all kinds; is miles west of city; is mile from depot; wants house and lot for equity.

25 acre farm M miles south of city for edje at a bargain.

5 toom residence on South Troost at a bargain.

bargain.
Til acre farm one mile from Garnett,
Kas.: wants a residence in city.
Toom frame on Michigan ave, near 22nd;
price, \$1.000, E30 cash, bai, \$19 per mo.
Houses and lots in all parts of the city
and many bargains. For particulars call
or address us.
S. C. FANCHER & CO.,
33 Ridge bidg.

FOR SALE—By B. T. Whipple & Co.,
ACRES! ACRES! ACRES!
2 neres near Fairview and Ninth, right
on dismays, good water; good location for
clitckens, \$1,320.
1 1-20 acres s. c. cor. 10th and Oakley,
good water, 100 feet, two corners, \$1,450.
1 1-20 acres on 10th, 100 feet east of Fairview, good water, \$815.
2 6-41 acres on 10th 200 feet east of Fairview, good water, \$815.
2 1 acres on Independence and
Overton aves, \$1,170.
2 \$13 acres on Independence ave., \$50
feet from Air line \$1,015.
21 acres independence ave., corner Overton ave., \$8,955. Ti acres independence ave., ton ave., 19,95, 9 neres at entrance to Washington park, 9 neres at entrance to Washington park, acres near limits of Independence \$175 per acre. acres south of Independence at \$125 per

per acre.

95 acres south of Kansas City, \$4,125.

13 acres north of Washington park in bottoms: sold once for \$24,000; can sell now \$2,500.

80 acres 114 miles from court house door now \$2,500.

80 acres 114 miles from court house door at Independence, \$8,000.

13 8-10 acres south of Washington park, 95 acres near Hickman's Mills at \$43.50 be acres make terms on nearly all of these. They are the cheapest offered in this county.

B. T. WHIPPLE & CO. 17 W. 9th st.

16 neres west of Independence at \$112.50

FOR SALE—9-room brick, bath, gas, furnace, hardwood finish, brick barn, slats roof; 45 feet ground; east front; near Independence ave church; 57,000.

10-room house, the best neighborhood in city; Troost ave, cable; bath, gas, furnace; good barn; lot 46x150; terms very easy; only \$1,300.

S-room frame, entirely modern and new; good barn; wood mantels; lot 50x160; finely located, East side; only \$1,500.

5-room pressed brick, slate roof, wood mantel, mirrors; east front; close to 12th; very easy terms; \$2,250.

S-room brick, Clive near 9th; trees; 50 feet ground; \$2,000.

2 acres, frame house, switch facilities, or may be cultivated; state line, West bottoms; foreclosure; \$3,500.

9-room brick, bath, gas, furnace; 50 feet of ground; Linwood and Highland; a perfect home; \$7,75.

45 feet, 12th near Locust, \$12,500.

50 feet, corner on Linwood; \$20.

25 feet, Main near 15th, \$35.

25 feet, Main near 15th, \$35.

25 feet, Main near 15th, \$35.

25 feet, Main near 11th; improved and rented; \$50,000.

rented; \$50,000.
So feet, 12th st., west of Troost; partially improved and rented; will take good clear property in exchange; \$18,500.
So feet, 12th near Charlotte; improved; rented for \$50 per year; \$12,000.
100 feet, south front, fine ground; one-half block 12th st. cable; owner going away; must sell; \$1,600.
Money to loan at 6 to \$ per cent.

oney to loan at 6 to \$ per cent.
JOHN STEVENS, N. Y. Life bld'g.

S8,000.

169 acres near Olathe, Kas., fenced with wire, good 5-room frame house; cellar, cistern, well, smoke house, barn, implement house; also 3-room house; llfa acres in fruit 7,680 apple trees, 2 to 6 years old; selected winter fruit; l69 peach trees, 75 cherry trees, 50 plum trees, 50 apricot trees, 50 quince trees, 5, pear trees, 5 to 40 Siberlan crab trees, 2,000 choice grape vines; all bearing; blackberries, raspherries, strawberries, currants, gooseberries; all bearing; blackberries, appearance, all bearing; blackberries abundance of walture, countining a number of large spatial for some one; would take a good clear residence in this city worth \$6,000 in part pay; balance can remain on farm at a per cent. Nice 50-foot lots near car line, \$1 per foot; good terms, look these up.
Cheap residences in this city; see me.
Elegant lots at low prices; call in.
Acre tracts near in very low; call.
To loan, \$2,500, 6 per cent, local money, P. A. FREDERHICK, 316 N. Y. Life bldg.

FOR SALE-By C. H. Pennock, 12th and Maint.

Wile on 12th, between Harrison and Troost, very chean, for a few days.

Corner East Elfs, two abory and basement brick, west of Charlotte, chean.

Barraint, 168x12 cer. 12th and Woodland.

Corner 12th and Holmes, two first-clast brick and basement stores, well rented; special low price for a few days.

One property on Main, between 18th and 12th, the cheapest on the street; terms 12 mit. Notary public.

FOR SALE=2-room house. \$200
-room house 400
-room house 600
-room house 770
-room house 1000

FOR SALE-Special bargain, 214 feet on Grand ave near 17th st., at \$5,000. GEO. W. BUSH, 218 Am. Bank bldg.

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January b.

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